

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	(*20050254826*).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/03 21:30
S2	410	(Jennings with Martyn or Richards with Thomas).in. and detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/03 21:31
S3	82	(Jennings with Martyn or Richards with Thomas).in. and detect\$4 and fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/03 21:31
S4	82	(Jennings with Martyn or "Richards" with Thomas).in. and detect\$4 and fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/03 21:32
S5	5	(Jennings with Martyn or "Richards" with Thomas).in. and detect\$4 and fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/02/03 21:32
S6	34	(Jennings with Martyn or "Richards" with Thomas).in. and detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/02/03 21:34
S7	12	((("4,128,759") or ("4,216,474") or ("4,674,874") or ("4,825,063") or ("6,535,666"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/16 19:10
S8	2	ep "1154639"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/17 12:14
S9	2	(*4699513*).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/17 12:15

S10	50	((("4403208") or ("4947171") or ("5877802") or ("5942957") or ("6160773") or ("5543859") or ("5638305") or ("6114890") or ("4370558") or ("4374396") or ("4486688") or ("4813031") or ("4926443") or ("5027207") or ("5185657") or ("5245262") or ("5289448") or ("5539477") or ("5561671") or ("5614803") or ("5687724") or ("5719932") or ("5734674") or ("5774795") or ("5786872") or ("5952897") or ("6011824") or ("6021234") or ("6054705") or ("6078514") or ("6119237") or ("6233347") or ("4310841") or ("4348683") or ("4358797") or ("4363977") or ("4364048") or ("4389536") or ("4434911") or ("4450589") or ("4458316") or ("4467411") or ("4486771") or ("4558381") or ("4577184") or ("4591805") or ("4767997") or ("4785472") or ("4856084") or ("4868572")).PN.	US-PGPUB; USPAT	OR	OFF	2009/03/17 12:23
S11	10	("2001009458"   "3991318"   "4164373"   "4380391"   "4395121"   "5025148"   "5760852"   "5953110"   "6163372"   "6246822").PN. OR ("7126675").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/17 15:20
S12	13	(miller with lee).in. and detect \$4 and optical and (fiber or fibre) and delay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/17 17:14
S13	1436	(delay with (line or path or time)) same (fiber or fibre) and (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) and (time slot or on-time or overlap\$5) same (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/17 17:28

S14	887	(delay with (line or path or time)) same (fiber or fibre) and (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same ("same time" or overlap\$5) same (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/17 17:29
S15	473	(delay with (line or path or time)) same (fiber or fibre) and (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same ("same time" or overlap\$5) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/17 17:29
S16	117	(delay with (line or path or time)) same (fiber or fibre) same (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same ("same time" or overlap\$5) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/17 17:30
S17	34	(delay with (line or path or time)) same (fiber or fibre) same (overlap\$5) with (signal or pulse) and (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same (increas\$3 or enhanc\$3) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/17 20:49
S18	69	(delay with (line or path or time)) and (fiber or fibre) and (overlap\$5) with (signal or pulse) same (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same (increas\$3 or enhanc\$3) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/17 21:22
S19	58	S18 not S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/17 21:22
S20	58	S19 not S16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/17 21:22

S21	123	(overlap\$5) with delay\$3 with (signal or pulse) and (fiber or fibre) and (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same (increas\$3 or enhanc\$3) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/18 09:26
S22	117	(delay with (line or path or time)) same (fiber or fibre) same (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same ("same time" or overlap\$5) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/18 09:28
S23	104	S21 not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/18 09:28
S24	69	(delay with (line or path or time)) and (fiber or fibre) and (overlap\$5) with (signal or pulse) same (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same (increas\$3 or enhanc\$3) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/18 09:28
S25	89	S23 not S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/18 09:28
S26	6	(Jennings with Martyn or "Richards" with Thomas or miller with lee).in. and detect \$4 and (laser with rang\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/18 09:31
S27	5	("3681695"   "3731103").PN. OR ("4079246").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 10:45
S28	35	("2451465"   "3604936"   "3619620"   "3887939"   "4079246").PN. OR ("4128759").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 10:48
S29	8030	(detect\$3 or find\$3 or define) with (range or ranging) and (overlap or (time slot or time bin)) with (signal or pulse)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:27

S30	341	(detect\$3 or find\$3) with (range or ranging) and (overlap or (time slot or time bin)) with (signal or pulse) same delay\$3 and (fiber or fibre)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:28
S31	339	(detect\$3 or find\$3) with (range or ranging) and (overlap or (time slot or time bin)) with (signal or pulse) same delay\$3 and (fiber or fibre) and (light or optic\$2 or laser)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:29
S32	7	(detect\$3 or find\$3) with (range or ranging) and (overlap) with (signal or pulse) same delay\$3 same (time slot or time bin) and (fiber or fibre) and (light or optic\$2 or laser)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:30
S33	211	(detect\$3 or find\$3) with (range or ranging) and (overlap) with (signal or pulse) same delay\$3 and (fiber or fibre) and (light or optic\$2 or laser)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:32
S34	33	(detect\$3 or find\$3) with (range or ranging) and (overlap with (signal or pulse) same delay\$3) and (fiber or fibre) and (light or optic\$2 or laser) and (time slot or time bin)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:32
S35	26	S34 not S32	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:32
S36	275	(detect\$3 or find\$3) with (range or ranging) and (overlap with (signal or pulse)) and (delay\$3 same (fiber or fibre)) and (light or optic\$2 or laser)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:40
S37	49	(detect\$3 or find\$3) with (range or ranging) and (overlap\$4 with (signal or pulse) same delay\$3) and (fiber or fibre) and (light or optic\$2 or laser) and (time slot or time bin)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:40
S38	16	S37 not S34	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:40

S39	246	(detect\$3 or find\$3) with (range or ranging) and (overlap with (signal or pulse)) and (delay\$3 same (fiber or fibre)) and (light or optic\$2 or laser) and spac\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:42
S40	310	(detect\$3 or find\$3) with (range or ranging) and (overlap\$4 with (signal or pulse)) and (delay\$3 same (fiber or fibre)) and (light or optic\$2 or laser) and spac\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:42
S41	287	S40 not S34	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:44
S42	280	S41 not S37	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:44
S43	117	(delay with (line or path or time)) same (fiber or fibre) same (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same ("same time" or overlap\$5) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/18 11:44
S44	264	S42 not S43	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:44
S45	69	(delay with (line or path or time)) and (fiber or fibre) and (overlap\$5) with (signal or pulse) same (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same (increas\$3 or enhanc\$3) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/18 11:46
S46	254	S44 not S45	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 11:46
S47	45	((laser or light) nears (detect \$3 or find\$3) nears (range or ranging) or ladar or lidar) and (overlap\$4 with (signal or pulse)) and (delay\$3 same (fiber or fibre)) and (light or optic\$2 or laser) and spac\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:28
S48	13	S47 not S41	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 14:28
S49	4	"7236235"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 15:36

S50	21	(multiple pulse generation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/18 15:38
S51	2	("6992829").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 15:42
S52	2	("7068424").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/18 15:45
S53	14	("20020061164"   "20020080436"   "3991318"   "4296319"   "4442550"   "5113423"   "5214729"   "5418360"   "5446571"   "5703708"   "5757912"   "5953142"   "6141127"   "6760512").PN. OR ("7068424").URPN.	US-PGPUB; USPAT; USCOR	ADJ	ON	2009/03/18 15:45
S54	0	gb2384126	US-PGPUB; USPAT; USCOR	ADJ	ON	2009/03/18 15:54
S55	1	gb "2384126"	US-PGPUB; USPAT; USCOR	ADJ	ON	2009/03/18 15:54
S56	35	("5631758"   "5703708").PN. OR ("6141127").URPN.	US-PGPUB; USPAT; USCOR	ADJ	ON	2009/03/18 16:01
S57	0	(laser rangefinder) same (overlap\$4 with (signal or pulse)) and (delay\$3 same (fiber or fibre)) and (light or optic\$2 or laser) and spac\$3	US-PGPUB; USPAT; USCOR	ADJ	ON	2009/03/18 16:32
S58	2	(laser rangefinder) and (overlap\$4 with (signal or pulse)) and (delay\$3 same (fiber or fibre)) and (light or optic\$2 or laser) and spac\$3	US-PGPUB; USPAT; USCOR	ADJ	ON	2009/03/18 16:33
S59	12	((("3849604") or ("3838278") or ("3717769"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 11:15
S61	267	passive\$2 with range with detect\$3 same (optic\$ or light)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/21 17:54

S62	168	passive\$2 with range with detect\$3 same (optic\$ or light) and (scatter\$4 or reflect \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/21 17:55
S63	0	passive\$2 with range with detect\$3 same (optic\$ or light) and (scatter\$4 or reflect \$3) and "398".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/21 17:55
S64	2	passive\$2 with range with detect\$3 same (optic\$ or light) and (scatter\$4 or reflect \$3) and "398".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/21 17:55
S65	13	passive\$2 with range with detect\$3 same spac\$3 same (optic\$ or light) and (scatter \$4 or reflect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/21 17:56
S66	2	("7068424").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/22 16:54
S68	2	("4380391").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/22 20:26
S70	25	(dpsk or differential phase shift \$3 key\$3) same (free spac\$3 or in spac\$3) and delay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/23 09:33
S71	27	(dpsk or differential phase shift \$3 key\$3) same (free spac\$3 or in spac\$3) and delay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/23 09:33
S72	32	(dpsk or differential phase shift \$3 key\$3) same (free spac\$3 or in spac\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/23 09:48
S73	5	S72 not S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/23 09:48



S74	89	(delay with (line or path or time)) same (fiber or fibre) and (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) and (time slot or on-time or "same time" or overlap\$5) same (signal or pulse) and (398/158-159,161,208,214 or 356/5,5.06,141,141.1 or 359/349 or 385/31).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/23 14:06
S75	117	(delay with (line or path or time)) same (fiber or fibre) same (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same ("same time" or overlap\$5) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/23 14:07
S76	83	S74 not S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/23 14:07
S77	33	(detect\$3 or find\$3) with (range or ranging) and (overlap with (signal or pulse) same delay\$3) and (fiber or fibre) and (light or optic\$2 or laser) and (time slot or time bin)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/23 14:08
S78	49	(detect\$3 or find\$3) with (range or ranging) and (overlap\$4 with (signal or pulse) same delay\$3) and (fiber or fibre) and (light or optic\$2 or laser) and (time slot or time bin)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/23 14:08
S79	312	(detect\$3 or find\$3) with (range or ranging) and (overlap\$4 with (signal or pulse)) and (delay\$3 same (fiber or fibre)) and (light or optic\$2 or laser) and spac\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/23 14:08
S80	289	S79 not S77	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/23 14:08
S81	282	S80 not S78	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/23 14:08

S82	117	(delay with (line or path or time)) same (fiber or fibre) same (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same ("same time" or overlap\$5) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/23 14:08
S83	266	S81 not S82	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/23 14:08
S84	69	(delay with (line or path or time)) and (fiber or fibre) and (overlap\$5) with (signal or pulse) same (detect\$3 or sensor or photodiode or photodetector or photo-diode or photo-detector) same (increas\$3 or enhanc\$3) with (signal or pulse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/23 14:08
S85	256	S83 not S84	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/23 14:08
S86	78	S76 not S85	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/23 14:08

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